
North America's Leader in Hazardous Material Information Management
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MSDS PRODUCT INFORMATION

Date: 10/07/2005
To: MSDS Requester
From: 3E Company
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☐ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☐ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☒ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: Ringer Corporation
Product Name: Safer Brand Tomato & Vegetable Insect Killer RTU

MATERIAL SAFETY DATA SHEET
(Complies with OSHA CFR 1910.1200, ANSI Z 400.1-1993)

SECTION 1: Chemical Product & Company Identification

Product Name(s): Safer® Brand Tomato & Vegetable Insect Killer RTU
MSDS Number: 5085, 5090 **EPA Number:** 42697-33
Manufacturer Name & Address: Safer®, Inc., a wholly owned subsidiary of Verdant Brands, Inc. 9555 James Avenue S., Suite 200, Bloomington, MN 55431
Telephone Contact Number & Hours of Operation: (612) 703-3300, 8:00 a.m. - 5:00 Central Time
Emergency Telephone Contact Number: Chemtrec 1-800 424-9300

SECTION 2: Composition/Information on Ingredients

<u>Hazardous Ingredients(*):</u>	% by weight	CAS No.	OSHA TWA	PEL STEL	ACGIH TWA	TLV STEL
Pyrethrins	< 0.02	8003-34-7	5 mg/m ³ (**)	NE	5 mg/m ³ (**)	NE
Potassium Salts of Fatty Acids	< 2.0	N/A	NE	NE	NE	NE
ethyl alcohol	< 2.0	64-17-5	1900 mg/m ³	NE	1880 mg/m ³	NE
secondary alcohol	< 10.0	N/A	983 mg/m ³	NE	983 mg/m ³	1230 mg/m ³

* all ingredients in quantities > 1.0 % (0.1 % for carcinogens or teratogens) that are potentially hazardous per OSHA definitions

** as pyrethrum

N/A = not applicable NE = not established

SECTION 3: Hazards Identification

EMERGENCY OVERVIEW

Physical description: Translucent amber liquid

Odor: Slight lard odor

Potential Health Effects: This material may be slightly irritating to the eyes and skin. Personnel responding to a spill of this material should likely encounter no other substantial hazards.

SECTION 4: First Aid Measures

Skin Contact: Wash with plenty of soap and water. Get medical attention if irritation persists.

Ingestion: If swallowed, promptly drink large amounts of water. Never give liquids to an unconscious person. Get medical attention.

Eye Contact: Flush eyes with plenty of water. Call a physician if irritation persists.

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

SECTION 5: Fire Fighting Measures

Extinguishing media: CO₂, dry chemical, foam, water

Flashpoint: 176°F

Hazardous products of combustion: not determined

Autoignition temperature: not applicable

NFPA Ratings: Health = 1 Fire = 2 Reactivity = 0

SECTION 6: Accidental Release Measures

Spills: Rinse with abundant water and mop up (See Disposal Comments in Section 13)

SECTION 7: Handling & Storage

Storage: Store away from heat, out of reach of children. Do not contaminate water, food or feed by storage or disposal. Do not reuse container.

Storage Temperature: Store in a cool, dry area away from heat and open flames.

SECTION 8: Exposure Controls & Personal Protective Equipment

Skin: Protective gloves (nitrile) recommended

Protection: Recommended to avoid contact of material directly into eyes

Respiratory: In typical applications no engineering controls should be needed; if industrial hygiene surveys show that occupational exposure limits may be exceeded, use NIOSH approved respirator with organic vapor/dust/mist cartridges

SECTION 9: Physical & Chemical Parameters

Appearance: Translucent amber

Odor: slight lard odor

Physical state: liquid

Solubility in water: Complete

Bulk Density: 1.0

pH: 8.3-8.6

Vapor pressure: not determined
Boiling point: not determined

Vapor density: not determined
Freezing point: not determined

Ringer Safer® Brand Tomato & Vegetable Insect Killer RTU

Revision Date: 7/98

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SECTION 10: Stability & Reactivity

Stability: Stable

Conditions to avoid: excessive heat and open flames

Incompatibilities: Concentrated mineral supplements (fertilizers), strong oxidizers, acids

Hazardous polymerization: will not occur

SECTION 11: Toxicological Information

Oral LD₅₀ = > 5,000 mg/kg Dermal LD₅₀ = > 2,000 mg/kg Inhalation LC₅₀ = > 5,000 mg/m³ Not a contact sensitizer

Carcinogens: None listed per OSHA, NTP, or IARC Ethanol has been shown to be a developmental toxin from chronic ingestion; such effects are not anticipated from appropriate use of this product.

SECTION 12: Ecological Information

Ecotoxicity: May be hazardous to aquatic invertebrates. Do not apply directly to water; do not contaminate water by cleaning of equipment or disposal of washwaters.

Environmental Fate: No data available

SECTION 13: Disposal Considerations

This material (as packaged) is not considered a hazardous waste. Be aware that the waste owner has responsibility for final disposal. Regulations may also apply to empty containers, liners or rinsate. Laws may change or be reinterpreted; state and local regulations may be different from federal regulations. This information applies to materials as manufactured; contamination or processing may change waste characteristics and requirements.

SECTION 14: Transport Information

DOT Hazard Description: not regulated

SECTION 15: Regulatory Information

SARA Title III: reporting not required unless TPQ exceeded in inventory

Individual States: States such as Pennsylvania, New Jersey, California, Vermont, Massachusetts and Rhode Island may all have components of this product listed; consult specific state regulatory requirements for additional information.

SECTION 16: Other Information

For additional information, refer to the American Conference of Governmental Industrial Hygienists (ACGIH) documentation of TLV's (Threshold Limit Values) for individual components and the DOT Emergency Response Guidebook.

This information is provided in good faith, but without express or implied warranty.